

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086733.D
 Acq On : 6 May 2016 19:35
 Operator : UM/SJ
 Sample : H2802-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: May 07 03:52:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176183	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	713528	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	348427	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	583409	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	451537	40.00	ng	-0.01
86) Perylene-d12	15.23	264	340933	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	635482	59.71	ng	0.00
7) Phenol-d6	6.36	99	489610	34.15	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1266610	91.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	475086	139.39	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1979903	93.15	ng	-0.01
78) Terphenyl-d14	12.81	244	1444236	64.64	ng	0.00

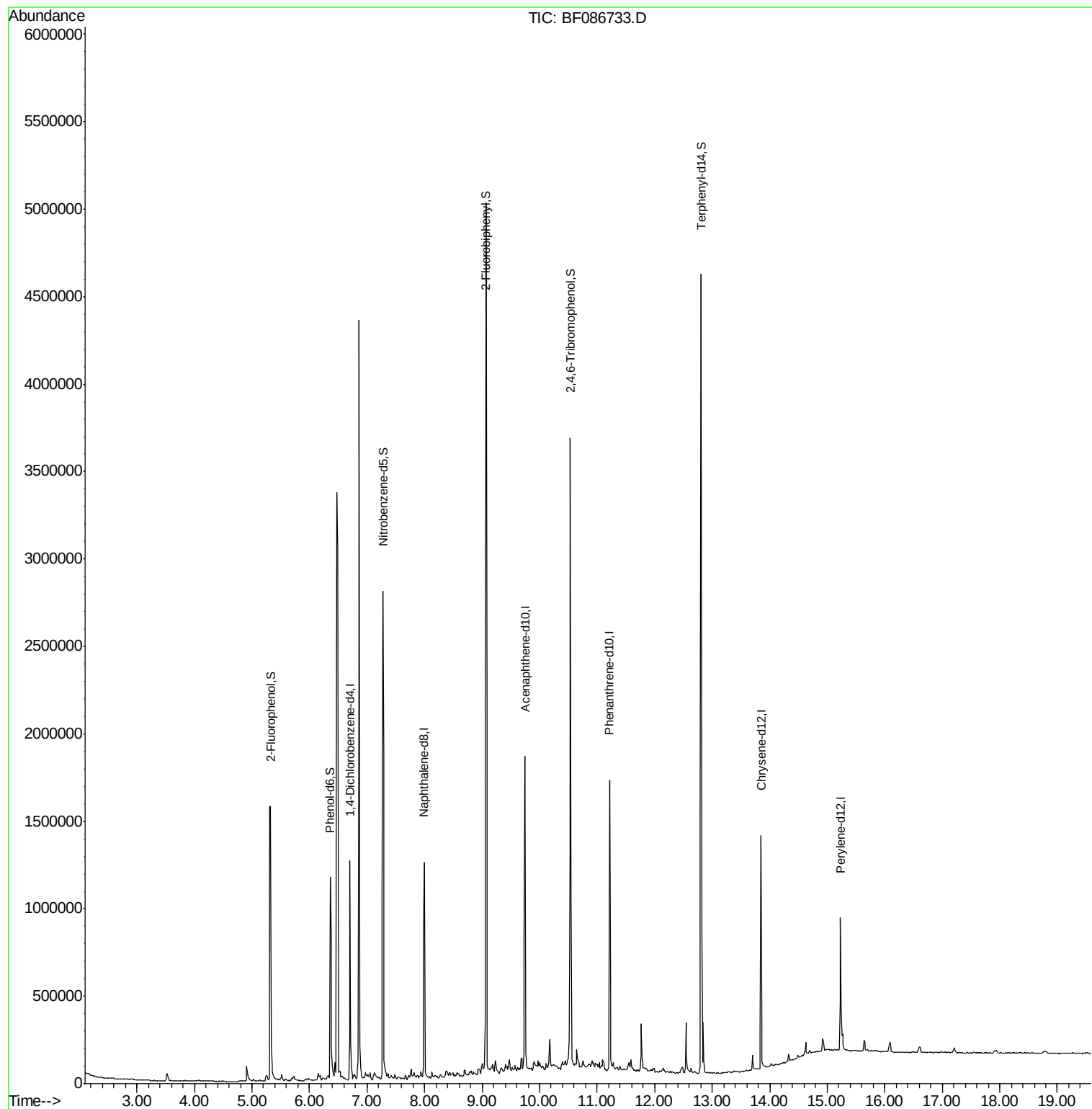
Target Compounds Qvalue

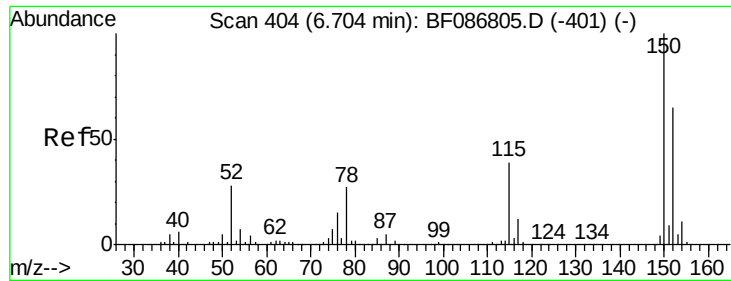
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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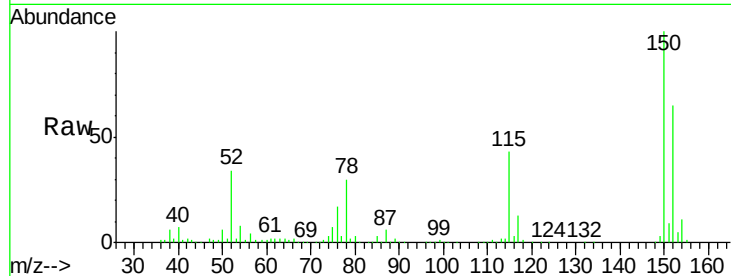


#1

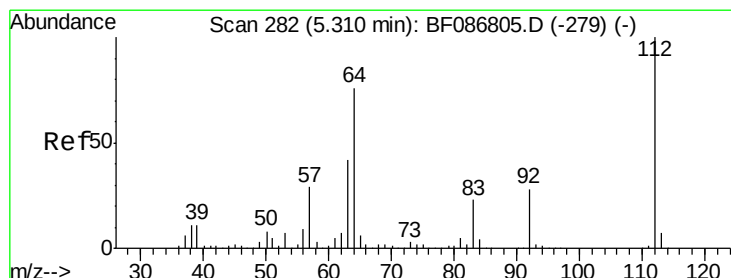
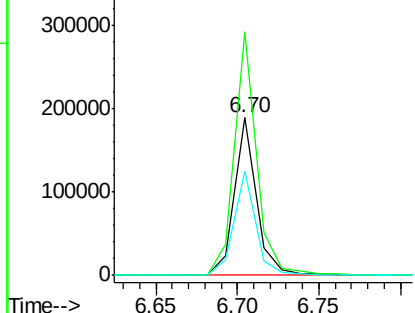
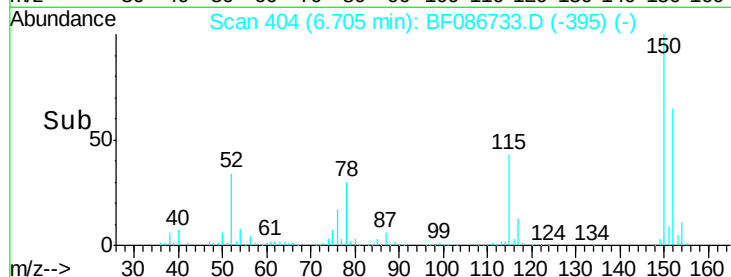
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 176183
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 66.0 51.5 77.3



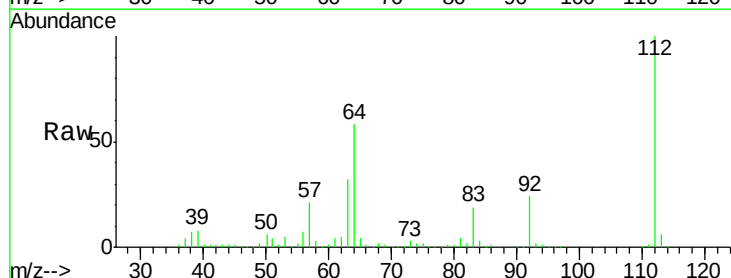
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



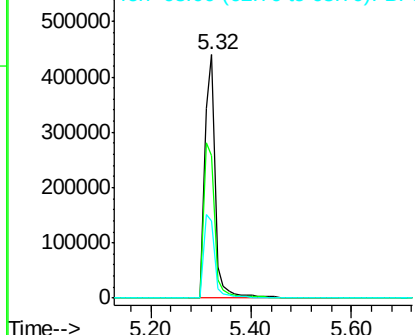
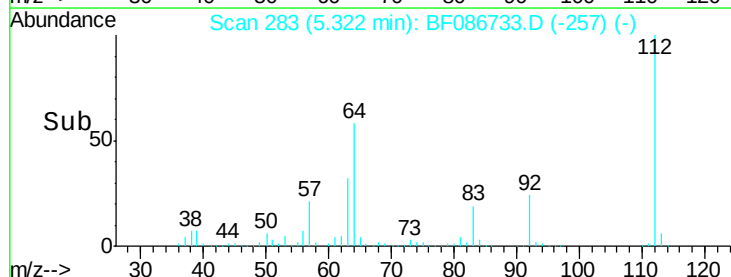
#5

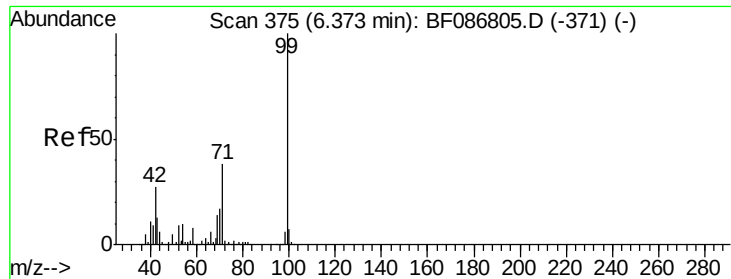
2-Fluorophenol
Concen: 59.71 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086733.D
Acq: 6 May 2016 19:35

Tgt Ion:112 Resp: 635482
Ion Ratio Lower Upper
112 100
64 58.3 52.1 78.1
63 31.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.15 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

MW-2

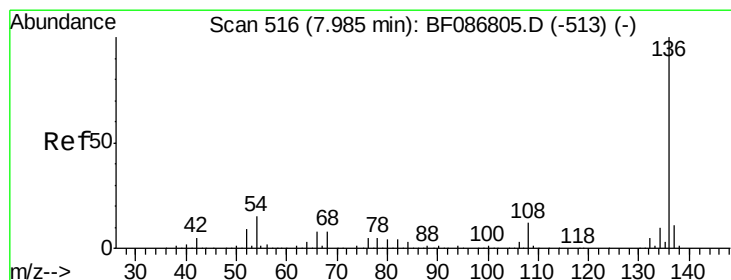
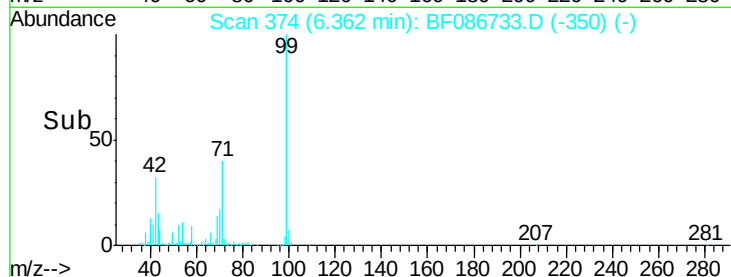
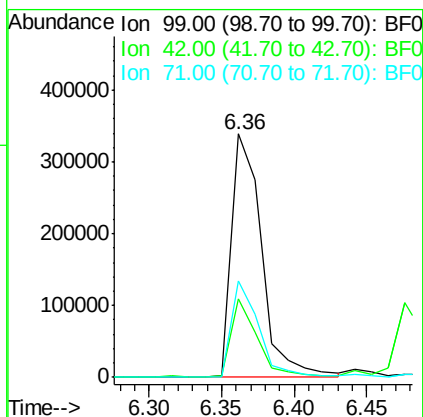
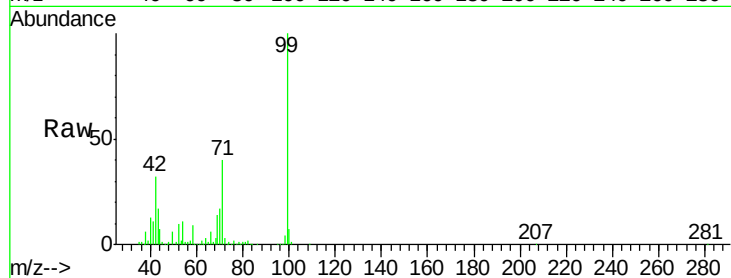
Tgt Ion: 99 Resp: 489610

Ion Ratio Lower Upper

99 100

42 32.5 13.6 20.4#

71 39.6 24.6 36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Tgt Ion: 136 Resp: 713528

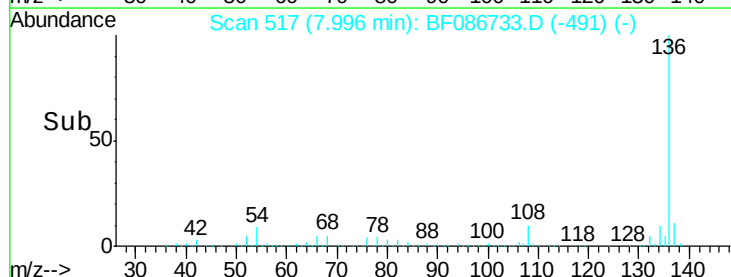
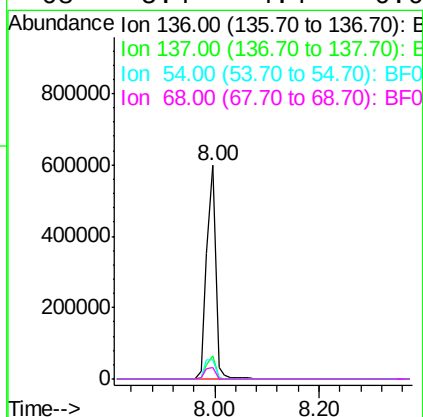
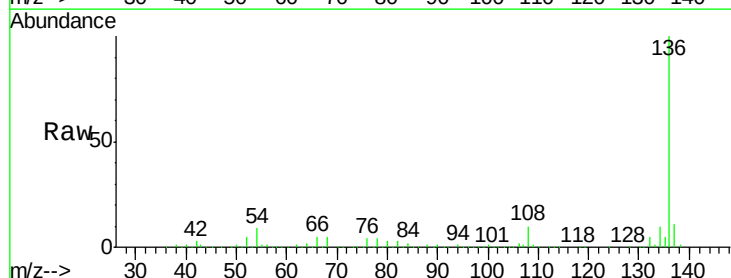
Ion Ratio Lower Upper

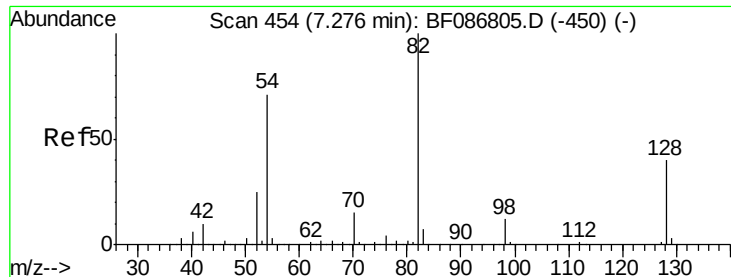
136 100

137 10.7 8.8 13.2

54 9.3 5.0 7.4#

68 5.4 4.4 6.6

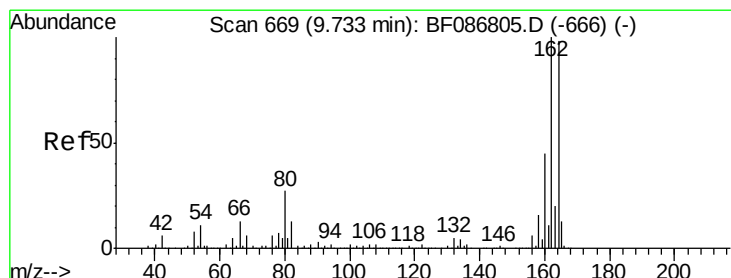
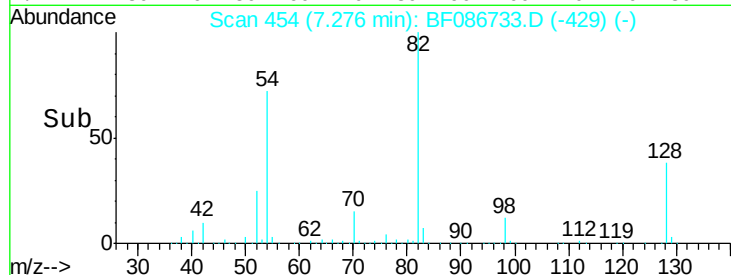
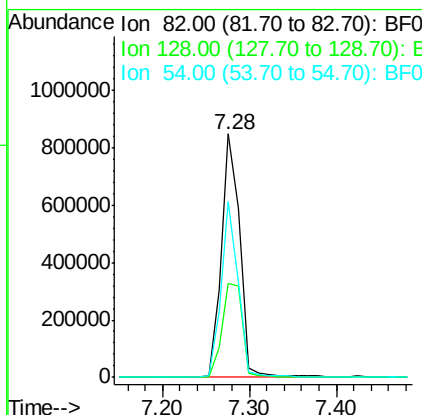
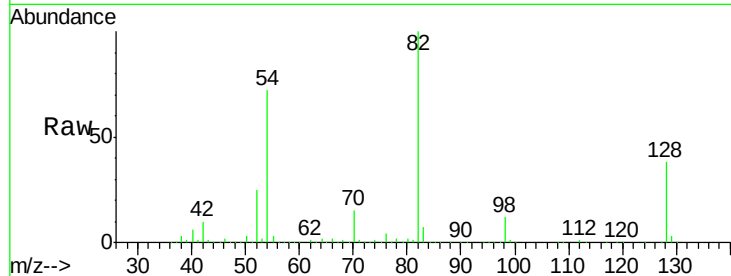




#23
 Nitrobenzene-d5
 Concen: 91.22 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

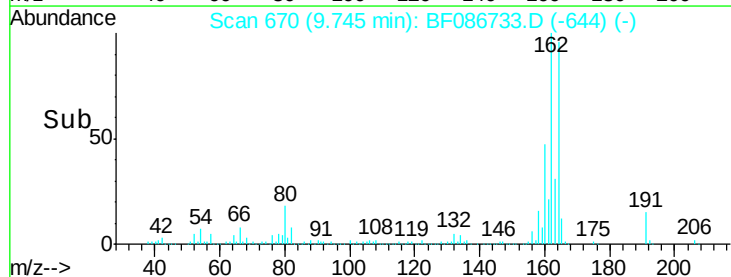
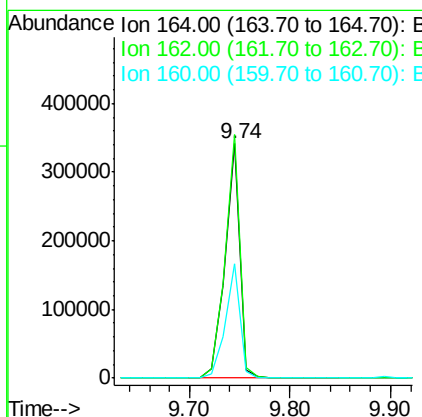
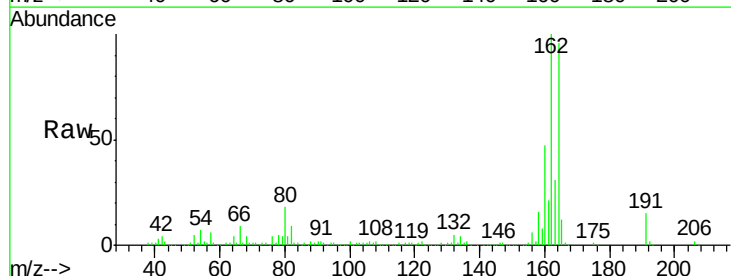
Instrument :
 BNA_F
 ClientSampled :
 MW-2

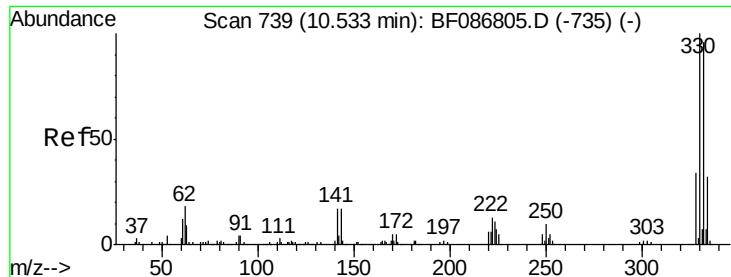
Tgt Ion: 82 Resp: 1266610
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 72.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Tgt Ion: 164 Resp: 348427
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 48.6 36.9 55.3

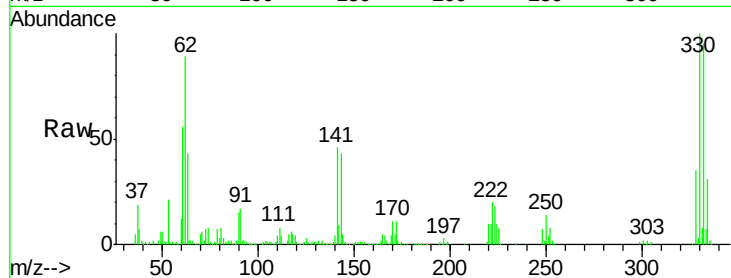




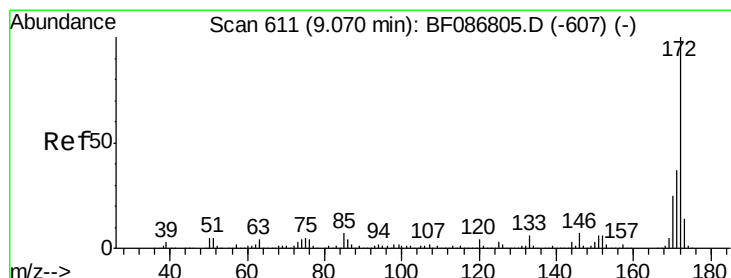
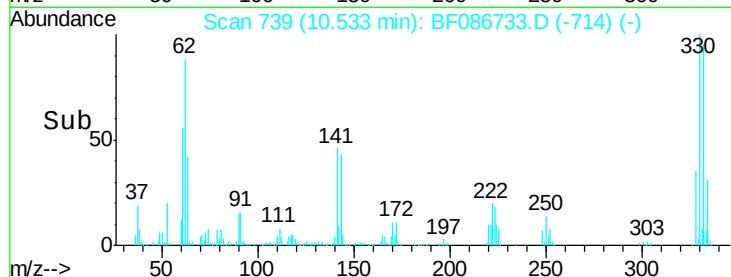
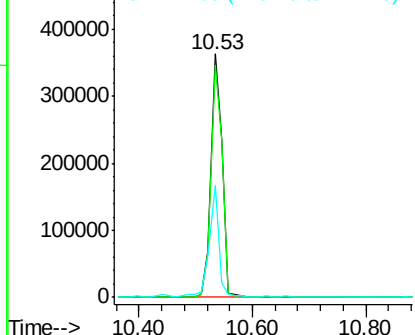
#41
 2,4,6-Tribromophenol
 Concen: 139.39 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Instrument :
 BNA_F
 ClientSampleID :
 MW-2

Tgt Ion:330 Resp: 475086
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 38.7 31.2 46.8

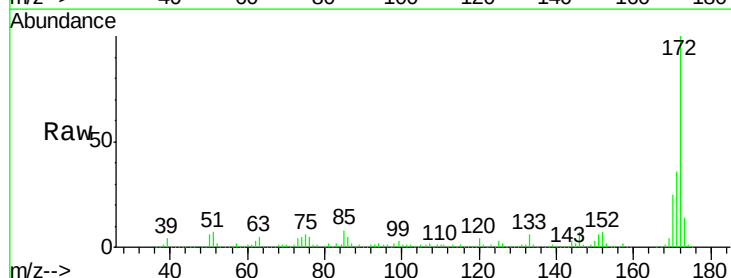


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

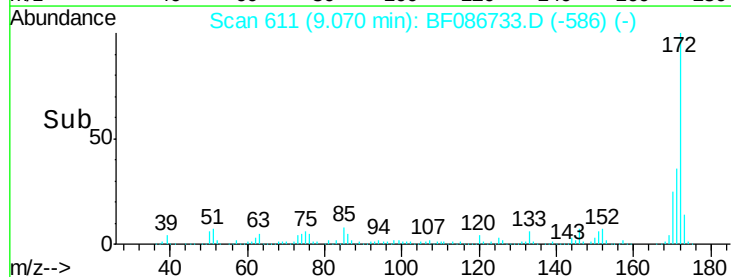
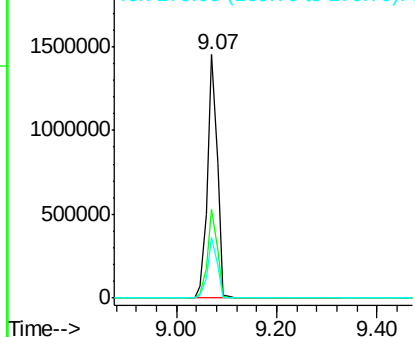


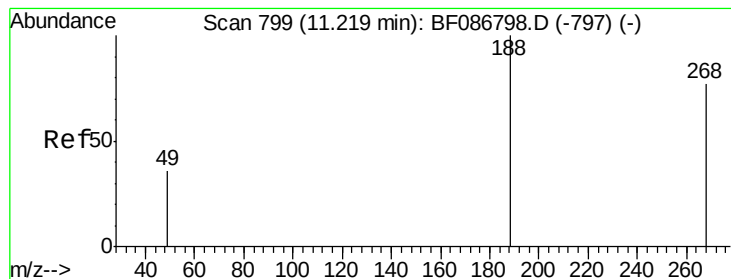
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086733.D
 Acq: 6 May 2016 19:35

Tgt Ion:172 Resp: 1979903
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

MW-2

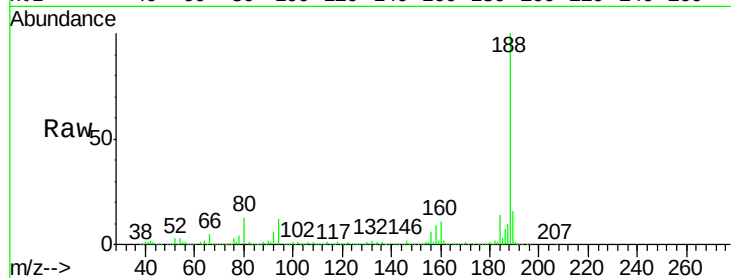
Tgt Ion:188 Resp: 583409

Ion Ratio Lower Upper

188 100

94 11.6 6.8 10.2#

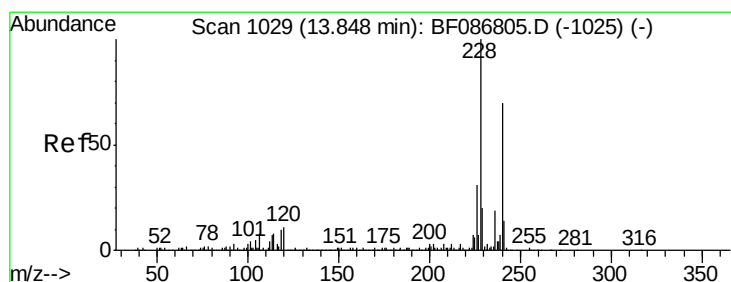
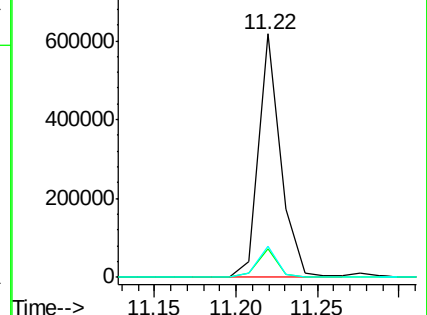
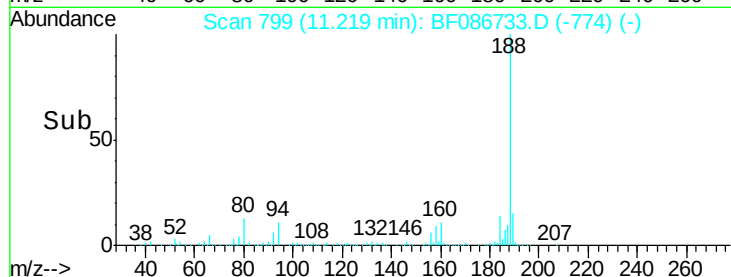
80 12.8 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

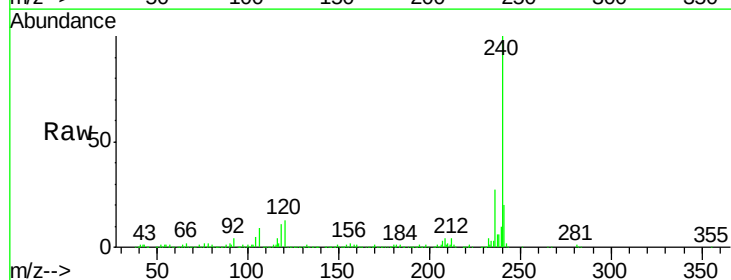
Tgt Ion:240 Resp: 451537

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

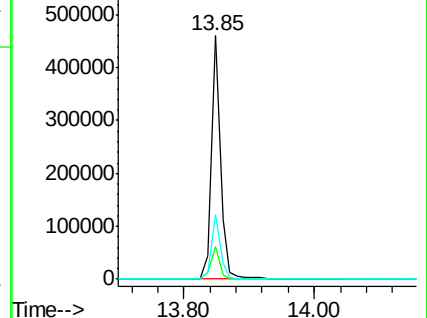
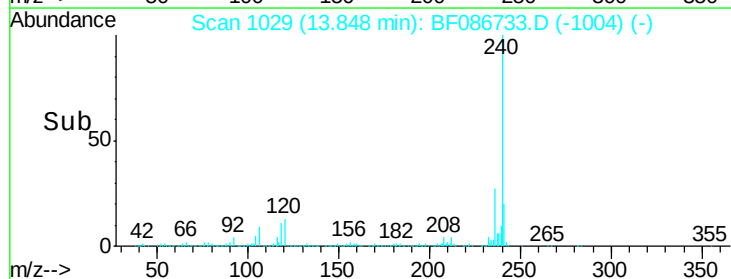
236 26.6 21.2 31.8

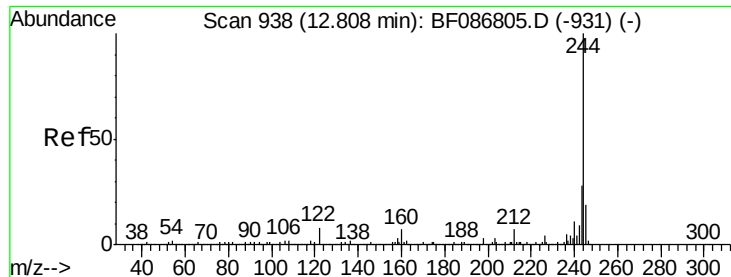


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.64 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

Instrument :

BNA_F

ClientSampleId :

MW-2

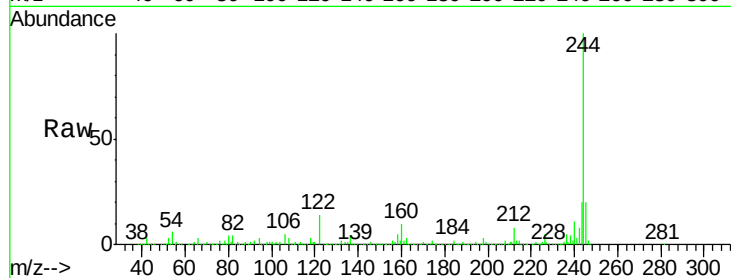
Tgt Ion:244 Resp: 1444236

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

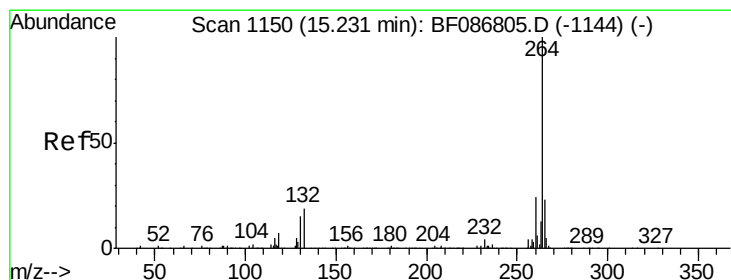
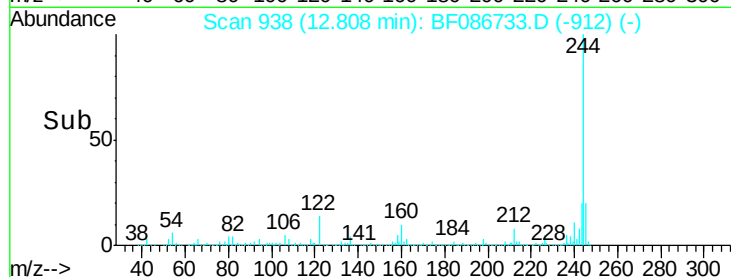
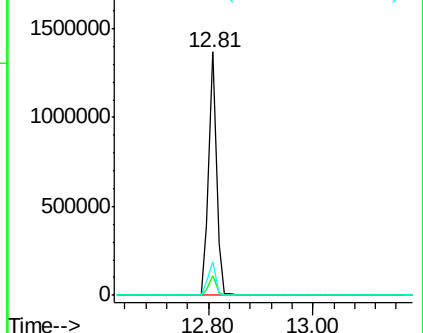
122 13.6 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086733.D

Acq: 6 May 2016 19:35

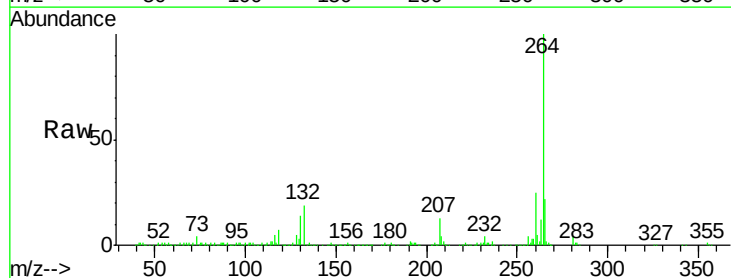
Tgt Ion:264 Resp: 340933

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

